# Delta Cross Channel Gate Operations for Water Quality

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## Delta Operations — the why

- Delta water quality standards
  - M&I
  - Ag
  - Fish
- Flow standards
  - Delta inflows
  - Delta outflow
- Export Limits
- DCC Operations

## Delta Operations — the how

- Change reservoir releases
- Change export levels
- Change Delta hydraulics
  - Operate SMSC Gates
  - Operate DCC Gates

### DCC Operational Paradigms

#### Close:

- Improve Sacramento River WQ (summer)
- Improve Sacramento River flow (Rio Vista) (fall)
- Reduce flood potential (fall & winter)
- Improve juvenile salmon emigration (fall & winter)

### Open:

- Improve SJ River WQ (summer)
- Improve CCC WQ (fall)























